

## Product datasheet for **TA349408S**

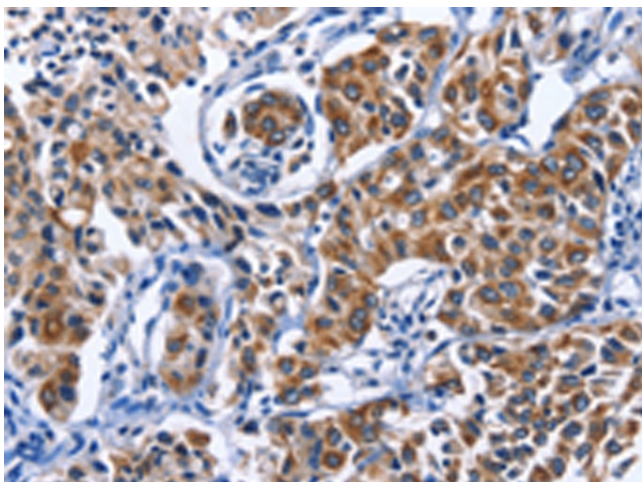
### Myosin Heavy chain 1 (MYH1) Rabbit Polyclonal Antibody

#### Product data:

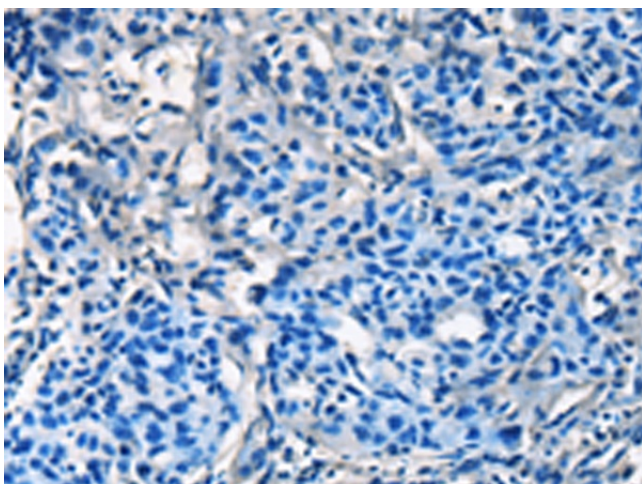
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human lung cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human MYH1
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	myosin, heavy chain 1, skeletal muscle, adult
Database Link:	<a href="#">NP_005954</a> <a href="#">Entrez Gene 17879 Mouse</a> <a href="#">Entrez Gene 4619 Human</a> <a href="#">P12882</a>
Background:	Myosin is a major contractile protein which converts chemical energy into mechanical energy through the hydrolysis of ATP. Myosin is a hexameric protein composed of a pair of myosin heavy chains (MYH) and two pairs of nonidentical light chains. Myosin heavy chains are encoded by a multigene family. In mammals at least 10 different myosin heavy chain (MYH) isoforms have been described from striated, smooth, and nonmuscle cells. These isoforms show expression that is spatially and temporally regulated during development.
Synonyms:	D; HEL71; MYHa; MyHC-2X; MyHC-2x; MYHSA1
Protein Pathways:	Tight junction, Viral myocarditis



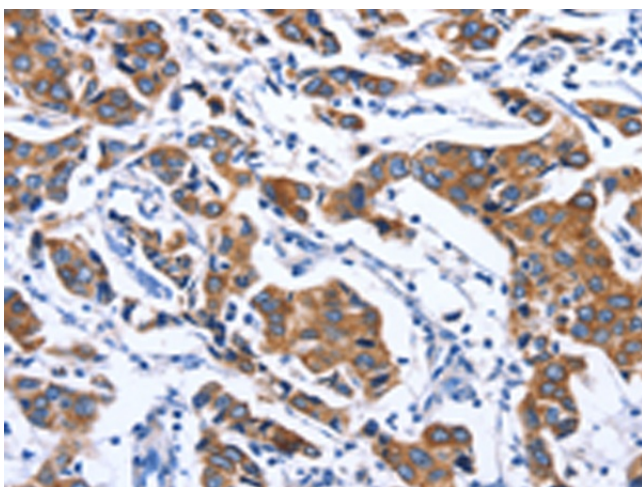
[View online »](#)

**Product images:**

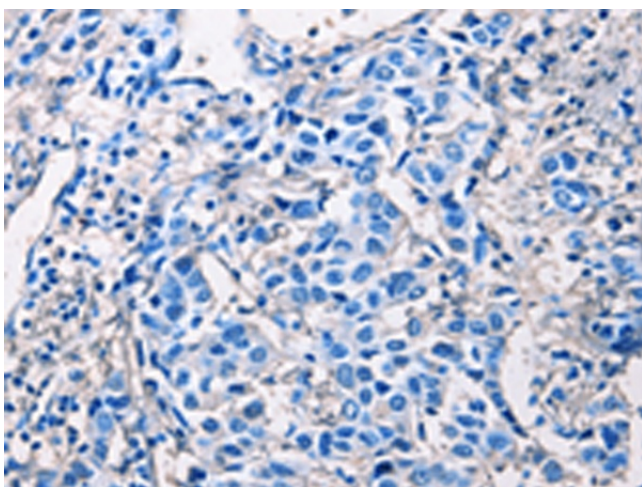
Immunohistochemistry of paraffin-embedded Human lung cancer tissue using [TA349408] (MYH1 Antibody) at dilution 1/40 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using [TA349408] (MYH1 Antibody) at dilution 1/40, treated with fusion protein. (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using [TA349408] (MYH1 Antibody) at dilution 1/40 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using [TA349408] (MYH1 Antibody) at dilution 1/40, treated with fusion protein. (Original magnification:  $\times 200$ )